



## IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: Watson et al. Attorney Docket No: 68.0415

Serial No: 10/676,319 Art Unit: 3672

Filed: October 1, 2003 Examiner:

For: **Stage Pump Having Composite Components**

Mail Stop: Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

### DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION

Declaration Submitted with Initial Filing       Statement Submitted after Initial Filing

**As a below named inventor, I hereby declare that:**

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**Stage Pump Having Composite Components**

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### CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8 & 1.10

I hereby certify that this document and its attachments are being sent on the date indicated below to the Assistant Commissioner for Patents, Washington D.C. 20231 by:

- facsimile to number \_\_\_\_\_.  
 first class mail.  
 Express Mail: Post Office to Addressee No.

5/5/04

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Joanne Hyland



the specification of which

- is attached hereto.
- was filed on October 1, 2003 as United States Application Number or PCT International Application Number 10/676,319.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code § 119 (a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Numbers	Country	Foreign Filing Date	Priority Not Claimed	Certified Copy Attached	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

<b>Application Number(s)</b>	<b>Filing Date</b>

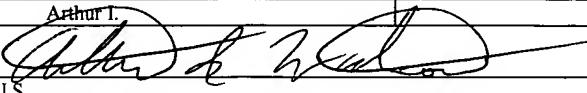
I hereby claim the benefit under Title 35, United States Code § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

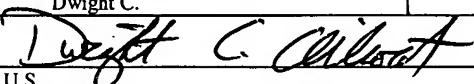
<b>U.S. Parent Application Numbers</b>	<b>PCT Parent Number</b>	<b>Parent Filing Date</b>	<b>Parent Patent Number</b>

**Direct all correspondence to:**

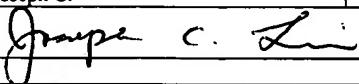
**Patent Counsel**  
**Schlumberger Reservoir Completions**  
**Schlumberger Technology Corporation**  
**P.O. Box 1590**  
**Rosharon, Texas 77583**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

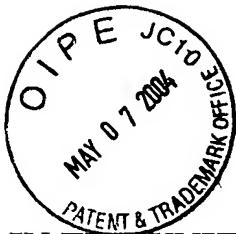
<b>Name of Sole or First Inventor</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor.						
Given Name (first and middle [if any])				Family Name or Surname				
Arthur L. 				Watson				
Inventor's Signature						Date	16 April 04	
Citizenship	U.S.							
Residence Address	6502 Knoll Park Drive							
Residence: City	Sugar Land	State	TX	ZIP	77479	Country	U.S.	
Post Office Address	6502 Knoll Park Drive							
City	Sugar Land	State	TX	ZIP	77479	Country	U.S.	

<b>Name of Additional Inventor</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor.					
Given Name (first and middle [if any])			Family Name or Surname				
Dwight C.			Chilcoat				
Inventor's Signature					Date	April 16, 2004	
Citizenship	U.S.						
Residence Address	4431 Eaglewood Trail Drive						
Residence: City	Fresno	State	TX	ZIP	77545	Country	U.S.
Post Office Address	4431 Eaglewood Trail Drive						
City	Fresno	State	TX	ZIP	77545	Country	U.S.

<b>Name of Additional Inventor</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor.					
Given Name (first and middle [if any])			Family Name or Surname				
Diego A.			Narvaez				
Inventor's Signature						Date	4-8-2004
Citizenship	Ecuador						
Residence Address	3615 Hill Family Lane						
Residence: City	Missouri City	State	TX	ZIP	77459	Country	U.S.
Post Office Address	3615 Hill Family Lane						
City	Missouri City	State	TX	ZIP	77459	Country	U.S.

<b>Name of Additional Inventor</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor.					
Given Name (first and middle [if any])			Family Name or Surname				
Joseph C.			Liu				
Inventor's Signature						Date	4/15/04
Citizenship	U.S.					Country	U.S.
Residence Address	11 Longacre Dr						
Residence: City	Ramona	State	OK	ZIP	74061	Country	U.S.
Post Office Address	11 Longacre Dr						
City	Ramona	State	OK	ZIP	74061	Country	U.S.

<b>Name of Additional Inventor</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor.					
Given Name (first and middle [if any])				Family Name or Surname			
Ketankumar K.				Sheth			
Inventor's Signature	Ketankumar K. Sheth				Date	4/15/04	
Citizenship	U.S.						
Residence Address	8810 S. 73rd East Avenue						
Residence: City	Tulsa	State	OK	ZIP	74133	Country	U.S.
Post Office Address	8810 S. 73rd East Avenue						
City	Tulsa	State	OK	ZIP	74133	Country	U.S.



## IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: Watson et al. Attorney Docket No: 68.0415  
Serial No: 10/676,319 Art Unit: 3672  
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For: **Stage Pump Having Composite Components**

Mail Stop: Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

### STATEMENT FROM ADDED INVENTORS FOR UTILITY OR DESIGN PATENT APPLICATION

Declaration Submitted with Initial Filing       Statement Submitted after Initial Filing

**As a below named inventor, I hereby declare that:**

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **Stage Pump Having Composite Components**

I request that my name be added as a joint inventor, and hereby state that the error in inventorship occurred without deceptive intention on my part.

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### CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8 & 1.10

I hereby certify that this document and its attachments are being sent on the date indicated below to the Assistant Commissioner for Patents, Washington D.C. 20231 by:

- facsimile to number \_\_\_\_\_  
 first class mail.  
 Express Mail: Post Office to Addressee No.

5/5/04

Date

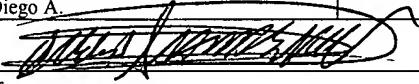
Joanne Hyland

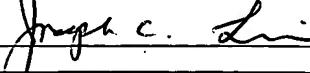


Direct all correspondence to:

**Patent Counsel**  
**Schlumberger Reservoir Completions**  
**Schlumberger Technology Corporation**  
**P.O. Box 1590**  
**Rosharon, Texas 77583**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>Name of Additional Inventor</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor.				
Given Name (first and middle [if any]) Diego A.		Family Name or Surname Narvaez				
Inventor's Signature						Date <i>4-8-2004</i>
Citizenship	Ecuador					
Residence Address	3615 Hill Family Lane					
Residence: City	Missouri City	State	TX	ZIP	77459	Country U.S.
Post Office Address	3615 Hill Family Lane					
City	Missouri City	State	TX	ZIP	77459	Country U.S.

<b>Name of Additional Inventor</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor.					
Given Name (first and middle [if any])			Family Name or Surname				
Joseph C.			Liu				
Inventor's Signature						Date	4/15/04
Citizenship	U.S.						
Residence Address	11 Longacre Dr						
Residence: City	Ramona	State	OK	ZIP	74061	Country	U.S.
Post Office Address	11 Longacre Dr						
City	Ramona	State	OK	ZIP	74061	Country	U.S.

<b>Name of Additional Inventor</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor.					
Given Name (first and middle [if any])				Family Name or Surname			
Ketankumar K.				Sheth			
Inventor's Signature	<i>Ketankumar k. Sheth</i>				Date	4/15/04	
Citizenship	U.S.						
Residence Address	8810 S. 73rd East Avenue						
Residence: City	Tulsa	State	OK	ZIP	74133	Country	U.S.
Post Office Address	8810 S. 73rd East Avenue						
City	Tulsa	State	OK	ZIP	74133	Country	U.S.



## STATEMENT UNDER 37 CFR 3.73(b)

Applicant: **Schlumberger Technology Corporation**

Application No.: 10/676,319

Docket No.: 68.0415

Entitled: **Stage Pump Having Composite Components**

Schlumberger Technology Corporation, a corporation, states that it is the assignee of the entire right, title, and interest in the patent application identified above by virtue of either:

- A.  An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel: \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

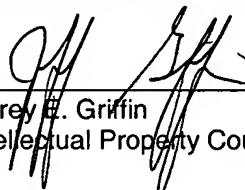
- B.  A chain of title from the inventor(s) of the patent application identified above to current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_ Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Copies of assignments or other documents in the chain of title are attached.

The undersigned is empowered to sign this statement on behalf of the assignee

Date: 5/5/04

Signature: 

Jeffrey E. Griffin  
Intellectual Property Counsel

**ASSIGNMENT**

WHEREAS, We, **Diego A. Narvaez**, a citizen of Ecuador, residing at 3615 Hill Family Lane, Missouri City, Texas 77459; **Joseph C. Liu**, a citizen of the United States of America, residing at 11 Longacre Drive, Ramona, Oklahoma 74061; and **Kentankumar K. Sheth**, a citizen of the United States of America, residing at 8810 S. 73<sup>rd</sup> East Avenue, Tulsa, Oklahoma 74133, hereinafter referred to as the "Inventor", have made inventions and improvements in: **Stage Pump Having Composite Components** which are the subject of an application for Letters Patent of the United States of America, filed with the United States Patent and Trademark Office on October 1, 2003 under Serial Number 10/676,319, (Docket No. 68.0415), hereinafter referred to as the "Invention(s)".

AND WHEREAS, SCHLUMBERGER TECHNOLOGY CORPORATION, hereinafter referred to as "said COMPANY", a corporation duly organized, incorporated and existing under the laws of the State of Texas, and having a place of business at 300 Schlumberger, Sugar Land, Texas 77478 is desirous of acquiring or confirming its acquisition of the entire right, title and interest in and to the Invention(s), and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefore.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that we the Inventors, for good and valuable considerations, the receipt and sufficiency of which hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANY, its successors and assigns, the entire right, title and interest throughout the world, in and to the Invention(s), described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on the Invention(s) in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon the Invention(s).

TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on the Invention(s).

AND we do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANY, its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANY, its successors and assigns.

AND we do hereby covenant and warrant that we have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that we have not executed and will not execute any instruments in conflict herewith.

AND we, for the conditions aforesaid, do hereby covenant and agree to and with the said COMPANY, its successors and assigns, that we, our executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said COMPANY, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure and vest in said COMPANY, its successors and assigns, the entire right, title and interest in and to the Invention(s), and any related application or applications, patents, rights, titles, benefits, privileges, and advantages hereby sold, assigned, confirmed, transferred and conveyed.

IN WITNESS WHEREOF I, Diego A. Narvaez the inventor, have hereunto set my hand and seal  
this 8 of April, 2004.



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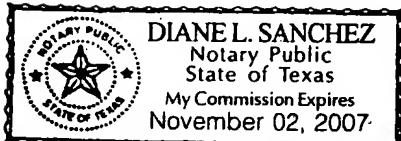
**Diego A. Narvaez**

STATE OF TEXAS  
COUNTY OF HARRIS

BEFORE ME, this 8<sup>th</sup> April, 2004 personally appeared **Diego A. Narvaez**, to me known to be the person who is described in and who executed the foregoing assignment instrument, and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Debie L. Sanchez  
Notary Public in and for the State of Texas

My Commission Expires: November 2, 2007



IN WITNESS WHEREOF I, Joseph C. Liu the inventor, have hereunto set my hand and seal this  
15<sup>th</sup> day of April, 2004.

Joseph C. Liu  
Joseph C. Liu

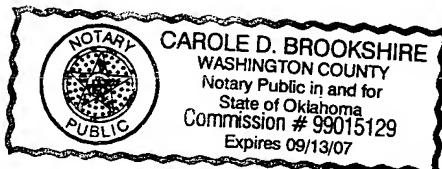
STATE OF OKLAHOMA                                   §  
                                                               §  
COUNTY OF WASHINGTON                           §

BEFORE ME, this 15<sup>th</sup> day of April, 2004 personally appeared Joseph C. Liu, to me known to be the person who is described in and who executed the foregoing assignment instrument, and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Carole D. Brookshire  
Notary Public in and for the State of Oklahoma

SEAL

My Commission Expires: 9/13/07



IN WITNESS WHEREOF I, **Ketankumar K. Sheth** the inventor, have hereunto set my hand and seal this 15<sup>th</sup> day of April, 2004.

Ketankumar k. Sheth 4/15/04  
**Ketankumar K. Sheth**

STATE OF OKLAHOMA §  
§  
COUNTY OF WASHINGTON §

BEFORE ME, this 15<sup>th</sup> day of April, 2004 personally appeared **Ketankumar K. Sheth**, to me known to be the person who is described in and who executed the foregoing assignment instrument, and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Carole D Brookshire  
Notary Public in and for the State of Oklahoma

SEAL

My Commission Expires: 9/13/07

